

	Type	L #	Hits	Search Text	DBs	Time Stamp	Comments
1	BRS	L1	0	data adj exchang\$5 SAME (betwen WITH process\$5)	USPAT; US-PGP UB; EPO; JPO; DERWE NT; IBM_TD B	2004/09/27 14:46	
2	BRS	L2	28445	data adj exchang\$5	USPAT; US-PGP UB; EPO; JPO; DERWE NT; IBM_TD B	2004/09/27 14:46	
3	BRS	L3	20048	2 and between and process\$5	USPAT; US-PGP UB; EPO; JPO; DERWE NT; IBM_TD B	2004/09/27 14:47	
4	BRS	L4	767	3 and microprocessor and covers\$5	USPAT; US-PGP UB; EPO; JPO; DERWE NT; IBM_TD B	2004/09/27 14:48	
5	BRS	L5	2763	3 and microprocessor and convers\$5	USPAT; US-PGP UB; EPO; JPO; DERWE NT; IBM_TD B	2004/09/27 15:39	
6	BRS	L6	1127	5 and operating adj system and (second nears (computer or database or software))	USPAT; US-PGP UB; EPO; JPO; DERWE NT; IBM_TD B	2004/09/27 14:49	
7	BRS	L7	0	6 and ((internal adj3 coding) same (external adj3 coding))	USPAT; US-PGP UB; EPO; JPO; DERWE NT; IBM_TD B	2004/09/27 14:51	

	Type	L #	Hits	Search Text	DBs	Time Stamp	Comments
8	BRS	L8	0	6 and ((internal adj3 coding) and (external adj3 coding))	USPAT; US-PGP UB; EPO; JPO; DERWE NT; IBM_TD B	2004/09/27 14:51	
9	BRS	L9	0	6 and (internal adj3 coding)	USPAT; US-PGP UB; EPO; JPO; DERWE NT; IBM_TD B	2004/09/27 14:51	
10	BRS	L10	391	6 and coding	USPAT; US-PGP UB; EPO; JPO; DERWE NT; IBM_TD B	2004/09/27 15:40	
11	BRS	L11	344	6 and coding and internal and external	USPAT; US-PGP UB; EPO; JPO; DERWE NT; IBM_TD B	2004/09/27 14:51	
12	BRS	L12	240	11 and symbol	USPAT; US-PGP UB; EPO; JPO; DERWE NT; IBM_TD B	2004/09/27 14:52	
13	BRS	L13	41	12 and interrogat\$5	USPAT; US-PGP UB; EPO; JPO; DERWE NT; IBM_TD B	2004/09/27 14:53	
14	BRS	L14	41	13 and data	USPAT; US-PGP UB; EPO; JPO; DERWE NT; IBM_TD B	2004/09/27 17:28	

	Type	L #	Hits	Search Text	DBs	Time Stamp	Comments
15	IS&R	L15	8103	((709/245,246,212,217,231,232) or (712/300,22,28,32,208)).CCLS.	USPAT; US-PGP UB; EPO; JPO; DERWE NT; IBM_TD B	2004/09/27 15:38	
16	IS&R	L16	0	("15anddata").PN.	USPAT; US-PGP UB; EPO; JPO; DERWE NT; IBM_TD B	2004/09/27 15:38	
17	BRS	L17	2092	15 and data SAME exchang\$5	USPAT; US-PGP UB; EPO; JPO; DERWE NT; IBM_TD B	2004/09/27 15:38	
18	BRS	L18	1457	17 and processor\$5	USPAT; US-PGP UB; EPO; JPO; DERWE NT; IBM_TD B	2004/09/27 15:39	
19	BRS	L19	224	18 and microprocessor and convers\$5	USPAT; US-PGP UB; EPO; JPO; DERWE NT; IBM_TD B	2004/09/27 15:39	
20	BRS	L20	65	19 and coding	USPAT; US-PGP UB; EPO; JPO; DERWE NT; IBM_TD B	2004/09/27 15:40	
21	BRS	L21	64	20 not 14	USPAT; US-PGP UB; EPO; JPO; DERWE NT; IBM_TD B	2004/09/27 15:40	

	Type	L #	Hits	Search Text	DBs	Time Stamp	Comments
22	BRS	L22	0	"data convrsion".ti.	USPAT; US-PGP UB; EPO; JPO; DERWE NT; IBM_TD B	2004/09/27 17:29	
23	BRS	L23	0	"data near3 exchang\$5".ti.	USPAT; US-PGP UB; EPO; JPO; DERWE NT; IBM_TD B	2004/09/27 17:29	
24	BRS	L24	0	"data near3 convers\$5".ti.	USPAT; US-PGP UB; EPO; JPO; DERWE NT; IBM_TD B	2004/09/27 17:31	
25	BRS	L25	0	"data near3 convert\$5".ti.	USPAT; US-PGP UB; EPO; JPO; DERWE NT; IBM_TD B	2004/09/27 17:30	
26	BRS	L26	0	'data near3 convert\$5'.ti.	USPAT; US-PGP UB; EPO; JPO; DERWE NT; IBM_TD B	2004/09/27 17:31	
27	BRS	L27	15772	(data near3 convert\$5).ti.	USPAT; US-PGP UB; EPO; JPO; DERWE NT; IBM_TD B	2004/09/27 17:31	
28	BRS	L28	5988	(data near3 convers\$5).ti.	USPAT; US-PGP UB; EPO; JPO; DERWE NT; IBM_TD B	2004/09/27 17:32	

	Type	L #	Hits	Search Text	DBs	Time Stamp	Comments
29	BRS	L29	29	28 and computer and (data adj exchang\$5)	USPAT; US-PGP UB; EPO; JPO; DERWE NT; IBM_TD B	2004/09/27 17:32	



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Re

1 [Status report of the graphic standards planning committee](#)

Computer Graphics staff

August 1979 **ACM SIGGRAPH Computer Graphics**, Volume 13 Issue 3Full text available: [pdf\(15.01 MB\)](#)Additional Information: [full citation](#), [references](#), [citations](#)

2 [Distributed systems - programming and management: On remote procedure call](#)

Patricia Gomes Soares

November 1992 **Proceedings of the 1992 conference of the Centre for Advanced Studies on Collaborativ Volume 2**Full text available: [pdf\(4.52 MB\)](#)Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#)

The Remote Procedure Call (RPC) paradigm is reviewed. The concept is described, along with the backbone st mechanisms that support it. An overview of works in supporting these mechanisms is discussed. Extensions t that have been proposed to enlarge its suitability, are studied. The main contributions of this paper are a stan classification of RPC mechanisms according to different perspectives, and a snapshot of the paradigm in use t goals for t ...

3 [Status report of the graphic standards planning committee of ACM/SIGGRAPH: State-of-the-art of grap packages](#)

Computer Graphics staff

September 1977 **ACM SIGGRAPH Computer Graphics**, Volume 11 Issue 3Full text available: [pdf\(9.03 MB\)](#)Additional Information: [full citation](#), [references](#)

4 [Fast detection of communication patterns in distributed executions](#)

Thomas Kunz, Michiel F. H. Seuren


November 1997 **Proceedings of the 1997 conference of the Centre for Advanced Studies on Collaborativ**Full text available: [pdf\(4.21 MB\)](#)Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#)

Understanding distributed applications is a tedious and difficult task. Visualizations based on process-time dia used to obtain a better understanding of the execution of the application. The visualization tool we use is Poe tracer developed at the University of Waterloo. However, these diagrams are often very complex and do not p with the desired overview of the application. In our experience, such tools display repeated occurrences of no commun ...

5 [Answering English questions by computer: a survey](#)

R. F. Simmons

January 1965 **Communications of the ACM**, Volume 8 Issue 1


Full text available:  [pdf\(2.79 MB\)](#)

Additional Information: [full citation](#), [references](#), [citations](#), [index terms](#)

6 [Human-computer interface development: concepts and systems for its management](#)

H. Rex Hartson, Deborah Hix

March 1989 **ACM Computing Surveys (CSUR)**, Volume 21 Issue 1

Full text available:  [pdf\(7.97 MB\)](#)


Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#), [index terms](#), [review](#)

Human-computer interface management, from a computer science viewpoint, focuses on the process of developing human-computer interfaces, including their representation, design, implementation, execution, evaluation, and analysis. This survey presents important concepts of interface management: dialogue independence, structural modeling, representation, interactive tools, rapid prototyping, development methodologies, and control structures. *Dialogue independence* is the ...

7 [Associative and Parallel Processors](#)

Kenneth J. Thurber, Leon D. Wald



December 1975 **ACM Computing Surveys (CSUR)**, Volume 7 Issue 4

Full text available:  [pdf\(2.62 MB\)](#)

Additional Information: [full citation](#), [references](#), [citations](#), [index terms](#)

8 [Computing curricula 2001](#)

September 2001 **Journal on Educational Resources in Computing (JERIC)**


Full text available:  [pdf\(613.63 KB\)](#);  [html\(2.78 KB\)](#)

Additional Information: [full citation](#), [references](#), [citations](#), [index terms](#)

9 [Developing a natural language interface to complex data](#)

Gary G. Hendrix, Earl D. Sacerdoti, Daniel Sagalowicz, Jonathan Slocum

June 1978 **ACM Transactions on Database Systems (TODS)**, Volume 3 Issue 2

Full text available:  [pdf\(3.13 MB\)](#)

Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#), [index terms](#)



Aspects of an intelligent interface that provides natural language access to a large body of data distributed over a network are described. The overall system architecture is presented, showing how a user is buffered from the management systems (DBMSs) by three layers of insulating components. These layers operate in series to convert natural language queries into calls to DBMSs at remote sites. Attention is then focused on the first of the insulating components.

Keywords: database access, human engineering, intelligent interface, natural language, run-time personalization, grammar

10 [The FINITE STRING newsletter: Abstracts of current literature](#)

Computational Linguistics Staff

January 1986 **Computational Linguistics**, Volume 12 Issue 1

Full text available:  [pdf\(2.24 MB\)](#);  [Publisher Site](#)

Additional Information: [full citation](#)

11 [Compound data structure for computer aided design: a survey](#)

J. C. Gray

January 1967 **Proceedings of the 1967 22nd national conference**

Full text available:  [pdf\(916.19 KB\)](#)

Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#), [index terms](#)

The aim of Computer Aided Design is to create in the computer a model of the design problem. For example, the design of a mechanical part is represented by a set of geometric primitives and their relationships.

circuit may be being designed; the engineer will use an environment consisting of standard circuit parts, with govern the operation, and will use this environment, together with the constraints on performance, to build a his proposed solution to the design problem. This model may now be tested against the specification and will mod ...

12 Symmetric list processor

J. Weizenbaum

September 1963 **Communications of the ACM**, Volume 6 Issue 9

Full text available: [pdf\(1.94 MB\)](#)

Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#)

A list processing system in which each list cell contains both a forward and a backward link as well as a datum. This system is intended for imbedding in higher level languages capable of calling functions and subroutines in a language. The presentation is in the form of FORTRAN programs depending on only a limited set of "primitive" language subroutines which are also defined. Finally, a set of field, particularly character, manipulation primitives

13 An architectural framework for migration from CISC to higher performance platforms

Gabriel M. Silberman, Kemal Ebcioglu

August 1992 **Proceedings of the 6th international conference on Supercomputing**

Full text available: [pdf\(2.04 MB\)](#)

Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#), [index terms](#)

We describe a novel architectural framework that allows software applications written for a given Complex Instruction Set Computer (CISC) to migrate to a different, higher performance architecture, without a significant investment in the application user or developer. The framework provides a hardware mechanism for seamless switching between instruction sets, resulting in a machine that enhances application performance while keeping the same program (from a user perspective) ...

14 META5: A tool to manipulate strings of data

David K. Oppenheim, Dan P. Haggerty

July 1966 **Communications of the ACM**, Volume 9 Issue 7

Full text available: [pdf\(654.43 KB\)](#)

Additional Information: [full citation](#)

15 A study of the utility of a hybrid associative processor

J. A. Dugan, R. S. Green, J. Minker, W. E. Shindle

July 1966 **Communications of the ACM**, Volume 9 Issue 7

Full text available: [pdf\(654.43 KB\)](#)

Additional Information: [full citation](#)

16 Aspects and applications of symbol manipulation

Bertram Raphael

July 1966 **Communications of the ACM**, Volume 9 Issue 7

Full text available: [pdf\(654.43 KB\)](#)

Additional Information: [full citation](#)

17 The teachable language comprehender: a simulation program and theory of language

M. Ross Quillian

August 1969 **Communications of the ACM**, Volume 12 Issue 8

Full text available: [pdf\(2.39 MB\)](#)

Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#), [index terms](#)


The Teachable Language Comprehender (TLC) is a program designed to be capable of being taught to "comprehend" text. When text which the program has not seen before is input to it, it comprehends that text by correctly recognizing (explicit or implicit) assertions of the new text to a large memory. This memory is a "semantic network" representing assertions about the world. The program also creates copies of the parts of its memory which have been used in the comprehension process.

Keywords: computer linguistics, human memory simulation, linguistic performance theory, natural language processing, psychological simulation, teachable computer program

18 [A language and model for computer design](#)

N. G. Denil

July 1966 **Communications of the ACM**, Volume 9 Issue 7


Full text available:  [pdf\(654.43 KB\)](#)

Additional Information: [full citation](#)

19 [Display-oriented computer usage system](#)

Harold S. Corbin, Werner L. Frank

July 1966 **Communications of the ACM**, Volume 9 Issue 7


Full text available:  [pdf\(654.43 KB\)](#)

Additional Information: [full citation](#)

20 [Applications of computer graphics](#)

Joseph Behar

July 1966 **Communications of the ACM**, Volume 9 Issue 7

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